



CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope, with sufficient postage, addressed to: Commissioner for Patents, Washington, D.C. 20231, on

RECEIVED

AUG 29 2001

TC 2800 MAIL ROOM

Aug 21, 2001
Date of Deposit

David W. Okey, Reg. No. 42,959
Name of Applicant, Assignee or
Registered Representative

David W. Okey
Signature

Aug 21, 2001
Date of Signature

Our Case No.: 01 P 09241 US
(10808/27)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Sasan Cyrusian

Serial No.: 09/866,269

Filing Date: May 25, 2001

For: Differential CMOS Controlled Delay
Unit

Examiner: N/A

Group Art Unit No.: N/A

RECEIVED
JAN 29 2002
TC 2800 MAIL ROOM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed below and on the attached Form PTO-1449 be considered by the Examiner and

made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The references now cited are the following:

U.S. Patent Documents

| Document No. | Date | Inventor |
|--------------|---------|----------------------|
| 5,373,228 ✓ | 12/1994 | Holle |
| 5,461,335 ✓ | 10/1995 | Tsuchiya |
| 5,498,953 ✓ | 03/1996 | Ryat |
| 5,550,500 ✓ | 08/1996 | Stephens, Jr. et al. |
| 5,640,681 ✓ | 06/1997 | Barrett, Jr. et al. |
| 5,666,088 ✓ | 09/1997 | Penza |
| 5,673,212 ✓ | 09/1997 | Hansen |
| 5,680,038 ✓ | 10/1997 | Fiedler |
| 5,977,805 ✓ | 11/1999 | Vergnes et al. |
| 5,982,214 | 11/1999 | Kim |
| 6,052,025 | 04/2000 | Chang et al. |
| 6,087,874 | 07/2000 | Hogeboom |
| 6,087,903 | 07/2000 | Kanno |
| 6,215,364 | 04/2001 | Hwang et al. |

Other Art

"SYNCHRONOUS RECORDING CHANNELS - PRML & BEYOND", rev. 5.61 14.E.18, 1999, published by Knowledge Tek, Inc., Broomfield, Colorado.

"PRML: Seagate Uses Space Age Technology" available on the Internet at <http://www.seagate.com/support/kb/disc/prml.html>, 2 pages, last accessed 4/9/01

"Technologies - PRML" available on the Internet at http://www.idema.org/about/industry/ind_tech_prml.html, 1 page, last accessed 4/9/01.

"Reference Guide - Hard Disk Drives" available on the Internet at <http://www.storagereview.com/guide2000/ref/hdd>, 13 pages, last accessed 4/9/01.

"MR AND PRML: TECHNOLOGIES IN SYNERGY" available at on the Internet at http://www.lionsgate.com/Home/Baden/public_html_index/SCSI/Quantum_White_Papers/MR_Head/MR, 4 pages, last accessed 4/9/01."

"A Tutorial on Convolutional Coding with Viterbi Decoding" available on the Internet at <http://pw1.netcom.com/~chip.f/viterbi/tutorial.html>, 10 pages, last accessed 4/9/01.

Park, Chan-Hong, et al., "A Low-Noise, 900-MHz VCO in 0.6- μ m CMOS," *IEEE Journal of Solid-State Circuits*, Vol. 34, No. 5, May 1999.

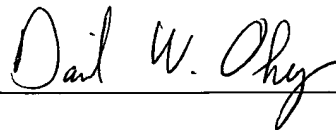
Yan, William S.T., et al., "A 2-V 900-MHz Monolithic CMOS Dual-Loop Frequency Synthesizer for GSM Receivers," *IEEE Journal of Solid-State Circuits*, Vol. 36, No. 2, February 2001.

In accordance with 37 C.F.R. § 1.97(g),(h), this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

This Information Disclosure Statement is being filed prior to the receipt of the first Official Action reflecting an examination on the merits and hence is believed to be timely filed in accordance with 37 C.F.R. § 1.97(b). No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925. A duplicate copy of this document is enclosed.

Applicant(s) respectfully request that the listed documents be made of record in the present case.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "David W. Ohry", is written over a horizontal line.

Registration No.
Attorney for Applicant(s)

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, IL 60610
(312) 321-4200



28/2

| | | | |
|---|-----------------------------|-----------------|--------------------------------------|
| TRANSMITTAL LETTER | | | Case No. 01 P 09241 US (10808/27) |
| Serial No. 09/866,269 | Filing Date May 25, 2001 | Examiner N/A | Group Art Unit N/A |
| Inventor(s) Sasan Cyrusian | | | |
| Title of Invention Differential CMOS Controlled Delay Unit | | | |

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Information Disclosure Statement (in dup.); Form PTO-1449; 22 cited references; and return post cards.

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A verified statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a _____ month extension of time.
- ☒ No additional fee is required.
- ☐ The fee has been calculated as shown below:

| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra |
|---|---|-------|---------------------------------------|------------------|
| Total | | Minus | | |
| Indep. | | Minus | | |
| First Presentation of Multiple Dep. Claim | | | | |

| Small Entity | |
|--------------------|--------------|
| Rate | Add'l Fee |
| x \$9= | |
| x 40= | |
| +\$135= | |
| Total add'l fee | \$ |

or

| Other Than Small Entity | |
|----------------------------|--------------|
| Rate | Add'l Fee |
| x \$18= | |
| x \$80= | |
| +\$270= | |
| Total add'l fee | \$ |

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$_____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

David W. Okey

David W. Okey
Registration No. 42,959
Attorney for Applicant

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, ILLINOIS 60610
(312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on August 21, 2001.

Date: Aug 21, 2001 Signature: David W. Okey

TC 29 2001 JAN 29 2002
MAIL ROOM
RECEIVED